High-Performance Cone Tweeter

40-1270D OWNER'S MANUAL — Please read before using this equipment.

Your RadioShack High-Performance Cone Tweeter is specifically designed for use in a high-fidelity speaker system.

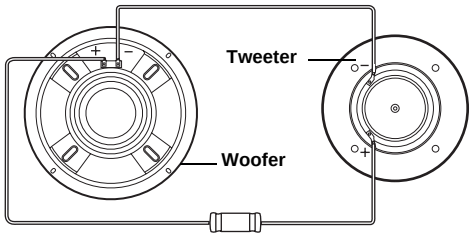
A special semi-liquid cone-surround material gives the tweeter unusual immunity to distortion, and the copper-wound voice coil provides excellent power handling and transient response.

MOUNTING

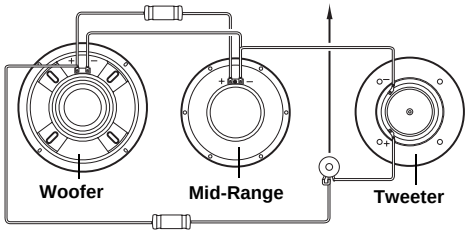
You can add the tweeter to an existing speaker system or incorporate it into a custom-built system. Two typical applications are shown – one for a two-way system and one for a three-way system. Notice that, by selecting different capacitor values from the table, you can alter the tweeter's low-end crossover point.

Mount the tweeter so the back edge of the tweeter basket is flush with the front baffle of the speaker enclosure. This ensures optimal sound dispersion.

Wiring the Tweeter for Use in Two-Way and Three-Way Systems



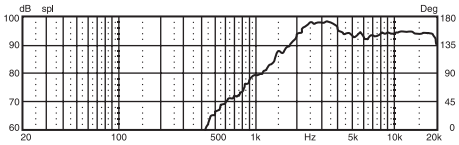
2-Way System



3-Way System

Capacitor	Crossover Frequency
2.2 µF	6,000 Hz
4.0 µF	3,500 Hz
6.8 µF	2,500 Hz

FREQUENCY RESPONSE CURVE



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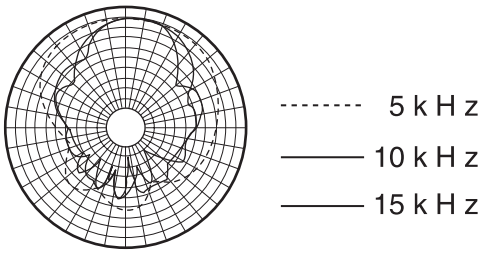
POLAR RESPONSE CURVE



SPECIFICATIONS

Frequency Response	1600–20,000 Hz
Impedance	8 Ohms, 15% @5000 Hz
Power Handling	25 Watts RMS
Maximum Power	50 Watts
Magnet Weight	2.20 oz (63g)
Speaker Weight	7.29 oz (210g)

Specifications are typical; individual units might vary. Specifications are subject to change and improvement without notice.

Limited Ninety-Day Warranty

This product is warranted by RadioShack against manufacturing defects in material and workmanship under normal use for ninety (90) days from the date of purchase from RadioShack company-owned stores and authorized RadioShack franchisees and dealers. EXCEPT AS PROVIDED HEREIN, RadioShack MAKES NO EXPRESS WARRANTIES AND ANY IMPLIED WARRANTIES, INCLUDING THOSE OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE LIMITED IN DURATION TO THE DURATION OF THE WRITTEN LIMITED WARRANTIES CONTAINED HEREIN. EXCEPT AS PROVIDED HEREIN, RadioShack SHALL HAVE NO LIABILITY OR RESPONSIBILITY TO CUSTOMER OR ANY OTHER PERSON OR ENTITY WITH RESPECT TO ANY LIABILITY, LOSS OR DAMAGE CAUSED DIRECTLY OR INDIRECTLY BY USE OR PERFORMANCE OF THE PRODUCT OR ARISING OUT OF ANY BREACH OF THIS WARRANTY, INCLUDING, BUT NOT LIMITED TO, ANY DAMAGES RESULTING FROM INCONVENIENCE, LOSS OF TIME, DATA, PROPERTY, REVENUE, OR PROFIT OR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, EVEN IF RadioShack HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

Some states do not allow limitations on how long an implied warranty lasts or the exclusion or limitation of incidental or consequential damages, so the above limitations or exclusions may not apply to you.

In the event of a product defect during the warranty period, take the product and the RadioShack sales receipt as proof of purchase date to any RadioShack store. RadioShack will, at its option, unless otherwise provided by law: (a) correct the defect by product repair without charge for parts and labor; (b) replace the product with one of the same or similar design; or (c) refund the purchase price. All replaced parts and products, and products on which a refund is made, become the property of RadioShack. New or reconditioned parts and products may be used in the performance of warranty service. Repaired or replaced parts and products are warranted for the remainder of the original warranty period. You will be charged for repair or replacement of the product made after the expiration of the warranty period.

This warranty does not cover: (a) damage or failure caused by or attributable to acts of God, abuse, accident, misuse, improper or abnormal usage, failure to follow instructions, improper installation or maintenance, alteration, lightning or other incidence of excess voltage or current; (b) any repairs other than those provided by a RadioShack Authorized Service Facility; (c) consumables such as fuses or batteries; (d) cosmetic damage; (e) transportation, shipping or insurance costs; or (f) costs of product removal, installation, set-up service adjustment or reinstallation.

This warranty gives you specific legal rights, and you may also have other rights which vary from state to state.

RadioShack Customer Relations, 200 Taylor Street, 6th Floor, Fort Worth, TX 76102

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